22(new). A polynucleotide sequence encoding a polypeptide comprising a humanized antibody as defined in claim 21, said antibody comprising at least one of the following sequence:

a heavy chain variable region sequence which is VH1 (SEQ ID NO:55);

a light chain variable region sequence which is VK4 (SEQ ID NO:71);

a human CH1 heavy chain IgG3 constant region;

a human kappa light chain CL region; and

a human IgG3 hinge region;

optionally in the form of a $f(ab')_2$ fragment.

REMARKS

This application is filed as a divisional of USSN 09/171,945. This amendment includes claims cancelled in the parent application. No new matter has been added with this amendment.

RESPECTFULLY SUBMITTED,					
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Attachments: Marked-Up Copies of Amendments

Amend d Claims: Version with markings to show changes made

8. A polynucleotide sequence ~~capable of~~ encoding a polypeptide ~~of~~ comprising an anti-CEA antibody ("806.077 Ab") ~~or a conjugate as defined in any preceding claim~~ comprising complementarity determining regions (CDRs) in which the CDRs comprise the following sequences:

a) heavy chain

CDR1 DNYMH (SEQ ID NO: 29)

CDR2 WIDPENGDTEYAPKFRG (SEQ ID NO: 31)

CDR3 LIYAGYLAMDY (SEQ ID NO: 32); and

b) light chain

CDR1 SASSSVTYMH (SEQ ID NO: 26)

CDR2 STSNLAS (SEQ ID NO: 27)

CDR3 QQRSTYPLT (SEQ ID NO: 28)

9. A vector comprising a polynucleotide as defined in claim 8, 20, 21 or 22.

14. A method of making an antibody ~~or conjugate~~ as defined in ~~any preceding~~ claim 8 which comprises:

~~a)~~ subjecting a ~~host cell,~~ a transgenic non-human mammal or a transgenic plant as defined in claim 10~~, or the hybridoma of claim 11,~~ to conditions conducive to expression~~, and optionally secretion,~~ of the antibody ~~or conjugate; and optionally~~

~~b) at least partially purifying the antibody or conjugate~~.